RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/854,124

DATE: 12/13/2001
TIME: 15:12:07

Input Set : **N:\paola\09854124.txt**
Output Set: **N:\CRF3\12132001\I854124.raw**

```
 3 <110> APPLICANT: Williams, Lewis T.
 4        Escobedo, Jaime
 5        Innis, Michael A.
 6        Garcia, Pablo Dominiguez
 7        Sudduth-Klinger, Julie
 8        Reinhard, Christoph
 9        Giese, Klaus
10        Randazzo, Filippo
11        Kennedy, Giulia C.
12        Pot, David
13        Kassam, Altaf
14        Lamson, George
15        Drmanac, Radoje
16        Crkvenjakov, Radomir
17        Dickson, Mark
18        Drmanac, Snezana
19        Labat, Ivan
20        Leshkowitz, Dena
21        Kita, David
22        Garcia, Veronica
23        Jones, Lee William
24        Stache-Crain, Birgit
26 <120> TITLE OF INVENTION: Diagnostic and Therapeutic Methods Using
27        Molecules Differentially Expressed in Cancer Cells
30 <130> FILE REFERENCE: 2300-1490
32 <140> CURRENT APPLICATION NUMBER: 09/854,124
33 <141> CURRENT FILING DATE: 2001-05-10
35 <150> PRIOR APPLICATION NUMBER: 09/400,947
36 <151> PRIOR FILING DATE: 1999-09-22
38 <160> NUMBER OF SEQ ID NOS: 37
40 <170> SOFTWARE: FastSEQ for Windows Version 4.0
42 <210> SEQ ID NO: 1
43 <211> LENGTH: 300
44 <212> TYPE: DNA
45 <213> ORGANISM: Homo sapiens
47 <400> SEQUENCE: 1
48 gcggagccgg ccgcgatgag cggggagccg gggcagacgt ccgtagcgcc ccctcccgag      60
49 gaggtcgagc cgggcagtgg ggtccgcatc gtggtggagt actgtgaacc ctgcggcttc     120
50 gaggcgacct acctggagct ggccagtgct gtgaaggagc agtatccggg catcgagatc     180
51 gagtcgcgcc tcgggggcac aggtgccttt gagatagaga taaatggaca gctggtgttc     240
52 tccaagctgg agaatggggg ctttccctat gagaaagatc tcattgaggc catccgaaga     300
55 <210> SEQ ID NO: 2
56 <211> LENGTH: 300
57 <212> TYPE: DNA
58 <213> ORGANISM: Homo sapiens
60 <400> SEQUENCE: 2
61 catgtacagt agctatttcc tgatgaccaa atctctcaac gaatcatgtt attaataaat      60
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RAW SEQUENCE LISTING   DATE: 12/13/2001
PATENT APPLICATION: US/09/854,124   TIME: 15:12:07

Input Set : **N:\paola\09854124.txt**
Output Set: **N:\CRF3\12132001\I854124.raw**
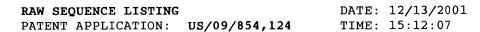
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62 atttttagca ctcatcagta ttctccaatg tgaccttctc attggagtac acagaaggaa    120
63 agcaaagaag agcatctgac ttctagctct ggcttacagc ctctctacca ggccgaagca    180
64 agagacccgc ggcagcagct ccccgccact cagacctggg tggtgataac ctcaaagaat    240
65 ggctctgttt tctattgaca gaaaacccac ttgattttgc ttctgagtta gcagtcagaa    300
67 <210> SEQ ID NO: 3
68 <211> LENGTH: 300
69 <212> TYPE: DNA
70 <213> ORGANISM: Homo sapiens
72 <400> SEQUENCE: 3
73 atcgaatggc tttttgcagc taactactat gtgtagacag gttttatatt ataaagtatg     60
74 cattcttatc acctagtata tagttagttt gtagagtgat ttcccccccag tttcttgaac    120
75 atggtatctt cacatcttgg accttggtca gttgtgctat tcattattaa acactaaaac    180
76 tttggcggtt cttgcataac attgtcagat ttttttagtgt atttctgtga agtcattttt    240
77 tttcttgtca ttccttttgt agtagttgct gtttggataa aagttgatgt ggatttttta    300
79 <210> SEQ ID NO: 4
80 <211> LENGTH: 300
81 <212> TYPE: DNA
82 <213> ORGANISM: Homo sapiens
84 <400> SEQUENCE: 4
85 gacaaacgga agtgtaggtt acggtctgag acatcaccgc caagctgggc atcggggaga     60
86 tggccgagac tgaccccaag accgtgcagg acctcacctc ggtggtgcag acactcctgc    120
87 agcagatgca agataaattt cagaccatgt ctgaccagat cattgggaga attgatgata    180
88 tgagtagtcg cattgatgat ctggaaaaga atatcgcgga cctcatgaca caggctgggg    240
89 tggaagaact ggaaagtgaa aacaagatac ctgccacgca aaagagttga aggttgctaa    300
91 <210> SEQ ID NO: 5
92 <211> LENGTH: 300
93 <212> TYPE: DNA
94 <213> ORGANISM: Homo sapiens
96 <400> SEQUENCE: 5
97 acgaaatccg gaccctggtc aaggatatgt gggacactcg tatagccaaa ctccgagtgt     60
98 ctgctgacag ctttgtgaga cagcaggagg cacatgccaa gctggataac ttgaccttga    120
99 tggagatcaa caccagcggg actttcctca cacaagcgct caaccacatg tacaaactcc    180
100 gcacgaacct ccagcctctg gagagtactc agtctcagga cttctagaga aaggcctggt    240
101 gcaggcggct tgctggggga tgtgagcgct caggacgtga tgaggtactc gtggttctgg    300
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 300
105 <212> TYPE: DNA
106 <213> ORGANISM: Homo sapiens
109 <400> SEQUENCE: 6
110 aattccgttg ctgtcggtga ggctctggcc tgcagctcgc gccgccatgg acgctgccga     60
111 ggtcgaattc ctcgccgaga aggagctggt taccattatc cccaacttca gtctggacaa    120
112 gatctacctc atcggggggg acctggggcc ttttaacccct ggtttacccg tggaagtgcc    180
113 cctgtggctg gcgattaacc tgaaacaaag acagaaatgt cgcctgctcc ctccagagtg    240
114 gatggatgta gaaaagttgg agaagatgag ggatcatgaa cgaaaggaag aaactttttac   300
116 <210> SEQ ID NO: 7
117 <211> LENGTH: 300
118 <212> TYPE: DNA
119 <213> ORGANISM: Homo sapiens
121 <400> SEQUENCE: 7
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RAW SEQUENCE LISTING   DATE: 12/13/2001
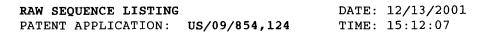PATENT APPLICATION: US/09/854,124   TIME: 15:12:07

Input Set : **N:\paola\09854124.txt**
Output Set: **N:\CRF3\12132001\I854124.raw**

```
122 atcatgcttc agacaacatc ccgaaggcag acgaaatccg gaccctggtc aaggatatgt    60
123 gggacactcg tatagccaaa ctccgagtgt ctgctgacag ctttgtgaga cagcaggagg   120
124 cacatgccaa gctggataac ttgaccttga tggagatcaa caccagcggg actttcctca   180
125 cacaagcgct caaccacatg tacaaactcc gcacgaacct ccagcctctg gaaagacctc   240
126 agctaggact tctaaaaaag gcctggtgca gccgcttggt tggggattaa cccttcagac   300
128 <210> SEQ ID NO: 8
129 <211> LENGTH: 300
130 <212> TYPE: DNA
131 <213> ORGANISM: Homo sapiens
133 <400> SEQUENCE: 8
134 aaaatatctg gattgaagac ctcaatggct gaaggcgaga ggaagacagc cctggaaatg    60
135 gtccaggcag ctggaacaga tagacactgt gtgacatttg tattgcacga ggaagaccat   120
136 accctaggaa attctctacg ttacatgatc atgaagaacc cggaagtgga attttgtggt   180
137 tacactacga cccatccttc agagagcaaa attaatttac gcattcagac tcgaggtacc   240
138 cttccagctg ttgagccatt tcagagaggc ctgaatgagc tcatgaatgt ctgccaacat   300
140 <210> SEQ ID NO: 9
141 <211> LENGTH: 300
142 <212> TYPE: DNA
143 <213> ORGANISM: Homo sapiens
145 <220> FEATURE:
146 <221> NAME/KEY: misc_feature
147 <222> LOCATION: (1)...(300)
148 <223> OTHER INFORMATION: n = A,T,C or G
150 <400> SEQUENCE: 9
151      tttatattaa aaaaccaaaa cctcaaaaat tgtagttcat gtcacgtcag tgatgactca    60
W-->  152 tcttanaagt attttgtttt tggatgtgtg aatgtgcata gttcttaaag tccaacattc   120
W-->  153 atgtaataag acatcttgca tataacaatg acccttacgt cnaagatgtn aaatagatcc   180
154      taagcctggt ataactttat tcaagtatcc ttatttgccc ctaaaatgtc tttaatacac   240
W-->  155 attacttggg ttatttcctg gatgaacatn caggtatccc aatttctgtt tttaagagaa   300
157 <210> SEQ ID NO: 10
158 <211> LENGTH: 300
159 <212> TYPE: DNA
160 <213> ORGANISM: Homo sapiens
163 <400> SEQUENCE: 10
164 gtgtgtgggg ggggttccca gatattcagg gcaagggacc agtcggaagg gattctggct    60
165 attgggggag cccagagaca ggggaaggca gcctgtccat ctgtgcataa ggagaggaaa   120
166 gttccagggt gtgtatgttt caggggcttc acatggagga gctgcagata gatatgtgtt   180
167 tctgtgtatg tgtatgtctg cctttttttc taagtggggg cttctacagg cttttgggaa   240
168 gtagggtgga tgtgggtagg gctgggagga ggggccacag cttaagttt ggagctctgg    300
170 <210> SEQ ID NO: 11
171 <211> LENGTH: 300
172 <212> TYPE: DNA
173 <213> ORGANISM: Homo sapiens
175 <400> SEQUENCE: 11
176 atctctttga gcaatcgtct taatttcctt gtcgtcacca attatcataa ccaattatca    60
177 tcgtaaagga tggtaattcc tttaattata cccaccttaa aaacatgatt ctgttccaca   120
178 aacgaaagga gcacatcaga gatgccttca gttctgtgtg cttgaacttt gaattccatg   180
179 aattatagtt gcactgaggg gagaatcctg tttccatcct cctggttcct tctcccttt c  240
180 ctgtccccat gtttctctga ggcctggcaa tgctctctgg atacttggtg agtagcccag   300
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RAW SEQUENCE LISTING   DATE: 12/13/2001
PATENT APPLICATION: US/09/854,124   TIME: 15:12:07

Input Set : N:\paola\09854124.txt
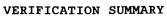Output Set: N:\CRF3\12132001\I854124.raw

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182 <210> SEQ ID NO: 12
183 <211> LENGTH: 300
184 <212> TYPE: DNA
185 <213> ORGANISM: Homo sapiens
187 <400> SEQUENCE: 12
188 ctggaaagcc ggaattcaac tctggaccct gggaagcctg agatgatgaa gtcccccaca     60
189 aacaccaccc cacatgtgcc ggctgaggga cctgagctta tttgaagtcc tgcctcattc    120
190 tcactggagc ctcagtctct cctgcttggt cttggccctc aactggggca agtgaagcca    180
191 gaggagggtc ccccagctgg gtgggctgga atggaactcc tcactagctg ctggggctcc    240
192 gcccaccctg ctcccttccg gacaatgaag aagcctttgc accctgggag gaaggaccac    300

194 <210> SEQ ID NO: 13
195 <211> LENGTH: 300
196 <212> TYPE: DNA
197 <213> ORGANISM: Homo sapiens
199 <400> SEQUENCE: 13
200 agaagacagc agagcagact gtatgacgag caccagcacc aggcacaggg atttcctagc     60
201 cgagcagtgg ccatccccat gcctctgacc tccaccgacc tctgcccacc atgggttgga    120
202 actaaactgt taccttccct cgctccacag aagaagacag ccagcttcag gggtccctgt    180
203 gctggccaag ccagtgagcc tgcggggagg ctggtccaag gagaaagtgg accagctccc    240
204 atgacctcac cccactcccc caacacagga cgcttcatat agatgtgtac agtatatgta    300

206 <210> SEQ ID NO: 14
207 <211> LENGTH: 300
208 <212> TYPE: DNA
209 <213> ORGANISM: Homo sapiens
211 <220> FEATURE:
212 <221> NAME/KEY: misc_feature
213 <222> LOCATION: (1)...(300)
214 <223> OTHER INFORMATION: n = A,T,C or G
217 <400> SEQUENCE: 14
218 gcgcagcccg gcctcgaaga acttctgctt gggtggctga actctgatct tgacctaaag     60
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W--> `219 tcatggccat ggnaaccaaa ggaggtactg tcaaagctgc ttcaggattc aatgccatgg    120`
W--> `220 aagatgccca gaccctgagg aangccatga aagggctcgg caccgatgaa nacgccatta    180`
W--> `221 ttancgtcct tgcctaccgc atcaccgccc agcgccagga gatcaggaca gcctacaaga    240`
W--> `222 gcaccatcgg canggacttg atagacgacc tgaagtcana actgagtggc aacttcgagc    300`
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224 <210> SEQ ID NO: 15
225 <211> LENGTH: 300
226 <212> TYPE: DNA
227 <213> ORGANISM: Homo sapiens
229 <400> SEQUENCE: 15
230 caaaggagcg gagaggggag gggagagagt tgggcgaggg agagcccccg gccggctgcc     60
231 agaagatccc ggcgggagga agcccaagtg tcacttgaat tccacccaag gagcgggcgc    120
232 ctgggatcag agcgtcctgt ttagcaataa cggctggagc acgtcctaca agttacggga    180
233 gagtcggctg tgaaggagac gttcgcttat cccctgtgtc cccgctcctg gcccctccag    240
234 accccagcct tgcctcgcgc tgggagggga gatccagaat gaaaggcaag aaaggtattg    300

236 <210> SEQ ID NO: 16
237 <211> LENGTH: 300
238 <212> TYPE: DNA
239 <213> ORGANISM: Homo sapiens
241 <400> SEQUENCE: 16
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RAW SEQUENCE LISTING   DATE: 12/13/2001
PATENT APPLICATION: US/09/854,124   TIME: 15:12:07

Input Set : **N:\paola\09854124.txt**
Output Set: **N:\CRF3\12132001\I854124.raw**

```
242 aattccgttg ctgtcgcaga ggctgggatc atggtagatg gaaccctcct tttactcctc      60
243 tcggaggccc tggcccttac ccagacctgg gcgggctccc actccttgaa gtatttccac     120
244 acttccgtgt cccggcccgg ccgcggggag ccccgcttca tctctgtggg ctacgtggac     180
245 gacacccagt tcgtgcgctt cgacaacgac gccgcgagtc cgaggatggt gccgcgggcg     240
246 ccgtggatgg agcaggaggg gtcagagtat tgggaccggg agacacggag cgcagggaca     300
248 <210> SEQ ID NO: 17
249 <211> LENGTH: 300
250 <212> TYPE: DNA
251 <213> ORGANISM: Homo sapiens
253 <400> SEQUENCE: 17
254 ctctgaccat gaggccaccc tgaggtgctg ggccctgggc ttctaccctg cggagatcac      60
255 actgacctgg cagcaggatg gggagggcca tacccaggac acggagctcg tggagaccag     120
256 gcctgcaggg gatggaacct tccagaagtg ggcagctgtg gtggtgcctt ctggagagga     180
257 gcagagatac acgtgccatg tgcagcatga ggggctaccc gagcccgtca ccctgagatg     240
258 gaagccggct tcccagccca ccatccccat cgtgggcatc attgctggcc tggttctcct     300
260 <210> SEQ ID NO: 18
261 <211> LENGTH: 300
262 <212> TYPE: DNA
263 <213> ORGANISM: Homo sapiens
265 <400> SEQUENCE: 18
266 gaggctcggc gctcaggaag catggcactc tggcgggcat accaggggggc cctggccgct      60
267 cacccgtgga aagtacaggt cctgacagct gggtccctga tgggcctggg tgacattatc     120
268 tcacagcagc tggtggagag gcggggtctg caggaacacc agagaggccg gactctgacc     180
269 atggtgtccc tgggctgtgg ctttgtgggc cctgtggtag gaggctggta caaggttttg     240
270 gatcggttca tccctggcac caccaaagtg gatgcactga agaagatgtt gttggatcag     300
272 <210> SEQ ID NO: 19
273 <211> LENGTH: 300
274 <212> TYPE: DNA
275 <213> ORGANISM: Homo sapiens
277 <400> SEQUENCE: 19
278 aattccgttg ctgtcggtca tcaaggattt catgattcaa ggaggtgaca tcaccactgg      60
279 agatggcact gggggtgtga gcatctatgg tgagacattt ccagatgaga acttcaagct     120
280 gaagcactat ggcattgggt gggtcagcat ggccaacgct gggcctgaca ccaatggctc     180
281 tcagttcttt atcaccttga ccaagcccac ctggttggac ggcaaacatg tggtgtttgg     240
282 aaaagtcatt gatgggatga cagtggtgca ctccatagag ctccaagcaa ctgatgggca     300
284 <210> SEQ ID NO: 20
285 <211> LENGTH: 300
286 <212> TYPE: DNA
287 <213> ORGANISM: Homo sapiens
289 <400> SEQUENCE: 20
290 agacaaagat gttggcagaa ttgtgattgg cctctttgga aaagttgtgc ccaagacagt      60
291 ggaaaatttt gttgctctag caacaggaga gaaaggatat ggatataaag gaagcaagtt     120
292 tcatcgtgtc atcaaggatt tcatgattca aggaggtgac atcaccactg gagatggcac     180
293 tggggggtgtg agcatctatg gtgagacatt tccagatgag aacttcaagc tgaagcacta     240
294 tggcattggg tgggtcagca tggccaacgc tgggcctgac accaatggct ctcagttctt     300
296 <210> SEQ ID NO: 21
297 <211> LENGTH: 300
298 <212> TYPE: DNA
299 <213> ORGANISM: Homo sapiens
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VERIFICATION SUMMARY   DATE: 12/13/2001
PATENT APPLICATION: US/09/854,124   TIME: 15:12:08

Input Set : **N:\paola\09854124.txt**
Output Set: **N:\CRF3\12132001\I854124.raw**

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L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
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